

I claim:

1. A sound system for providing reflected stereo audio to a listening

position, comprising:

a. a first smooth surface oriented at an inclined angle toward the listening position;

b. a second surface positioned at an acute angle with respect to said first smooth surface forwardly of the listening position and facing said first smooth surface;

c. first and second planar magnetic transducers mounted to said second surface so as to be oriented toward said first smooth surface;

d. an acoustic enclosure mounted beneath each of said transducers and said second surface;

e. said first and second transducers being mounted relative to said second surface such that a longest central axis thereof is oriented perpendicular to the listening position and with said transducers being spaced from each other, whereby audio from the transducers is reflected from the first smooth surface toward the listening position providing stereo imaging; and

f. an audio source connected to each of said first and

second transducers.

2. An automotive sound system providing direct stereo audio to a listening position located in a vehicle seat, comprising;

a. a first interior surface facing the listening position;

b. first and second planar magnetic transducers mounted relative to a second interior surface so as to direct audio sound there through toward said first interior surface;

c. said first and second planar magnetic transducers being oriented such that a longest longitudinal axis of each transducer is perpendicular to the listening position, said first and second planar magnetic transducers being spaced from one another in a general linear arrangement, and wherein the audio sound from said first and second planar magnetic transducers is reflected from the first interior surface directly toward the fixed listening location providing stereo imaging; and

d. audio source electronics connected to said first and second planar magnetic transducers to create an audio stereo output.

3. The automotive sound system of claim 2 wherein said first interior surface is a windshield and the second surface is

a portion of a dashboard.

4. The automotive sound system of claim 2 wherein the vehicle seat is a vehicle front seat.

5. The automotive sound system of claim 3 including at least third and fourth planar magnetic transducers mounted within the vehicle interior rearward of the front seat, said third and fourth planar magnetic transducers being mounted such that a longest longitudinal axis of diaphragms associated therewith is generally parallel to the listening position, and said third and fourth planar magnetic transducers being aligned linearly with respect to one another whereby audio sound therefrom is directed toward the front seat.

6. The automotive sound system of claim 4 wherein said third and fourth planar magnetic transducers are mounted so as to direct sound toward a rear window such that sound is reflected from the rear window toward the listening position.

7. The automotive sound system of claim 5 wherein said third and fourth planar magnetic transducers are mounted within a

rear of the front seat.

8. The automotive sound system of claim 5 wherein said third and fourth planar magnetic transducers are mounted within a rear deck of the vehicle.

9. The automotive sound system of claim 5 wherein said third and fourth planar magnetic transducers are mounted within an interior roof portion of the vehicle.

10. The automotive sound system of claim 5 including a least one subwoofer mounted within the interior of the vehicle and connected to the audio source electronics.

11. The automotive sound system of claim 9 including at least one subwoofer mounted within the interior of the vehicle generally forward of the front seat and at least one subwoofer mounted rearward of the front seat.

12. The automotive sound system of claim 9 including audio controls mounted to the dashboard for controlling audio output from said first, second, third and fourth planar magnetic

transducers and said at least one subwoofer.

13. The automotive sound system of claim 4 including a first set of first and second planar magnetic transducers mounted forward of the first front seat and a second set of first and second planar magnetic transducers mounted forwardly of a second front seat.

14. The automotive sound system of claim 12 including a first set of said third and fourth planar magnetic transducers mounted to direct audio sound toward the first front seat and a second set of third and fourth planar magnetic transducers mounted to direct audio sound toward the second front seat.

15. The automotive sound system of claim 13 including first audio control means for controlling audio sound from said first set of said first and planar magnetic transducers and said first set of third and fourth planar magnetic transducers toward the first front seat and a second audio control means for controlling audio sound from said second set of first and second planar magnetic transducers and said second set of third and fourth planar magnetic transducers toward the second front seat.